Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 15 Dec 2023 until 23:59 on Saturday 16 Dec 2023

Forecast Issued on Friday 15 Dec 2023 at 02:15

Confidence: High for mild, largely settled conditions through the coming days, but lower for details of precipitation Sunday onwards due to uncertainties regarding southward movement of a rain band, and the introduction of colder air next week.

Headline for Friday 15 Dec 2023: Cloudy with some bright or sunny spells. Cloud building later. Strong winds.

Mountain weather hazards on Friday 15 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Cloudy	Fog	Fog	Fog
Precipitation probability					
20%	20%	10%	30%	30%	30%

Forecast for Friday 15 Dec 2023

Weather: Rather cloudy start, especially in the north and west where some early drizzle likely. Otherwise largely dry, with some lengthy bright spells in the east. Cloud builds from the northwest later in the afternoon, thickening and lowering to give extensive cloud cover and bringing, especially to western hills an increased risk of drizzle through the evening. Winds strengthening, becoming particularly windy with gales at height especially further north.

Chance of cloud-free hill tops above 600m: 40% in the west but 70% in the east. Lowering late afternoon and evening to 20% or lower in the west, perhaps 40% in the east.

Low Cloud and visibility: Periods of cloud shrouding routes above around 500m initially, becoming extensive and persistent by late afternoon with bases lowering to 400m, perhaps to lower slopes in the northwest, but only small amounts below summit level in the east during daylight hours. Visibility generally good or very good, but poor or very poor in drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 15 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/30 W	23/32 W	23/33 W	24/34 W	33/45 SW	35/47 W	37/49 W
300	12/30 W	14/30 W	15/31 W	15/32 W	12/28 W	16/35 W	17/37 W
Valley	1/14 W	4/17 W	8/21 W	4/17 SW	10/24 SW	12/28 SW	11/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	4/-2	5/-1	6/1	6/1	6/0
300	5/1	6/2	6/2	7/3	8/4	8/5	8/4
Valley	5/4	6/5	8/6	8/7	8/6	9/6	9/7
Freezing Level*	1000m	1000m	1100m	2200m	2200m	1800m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures near zero around dawn. Feeling cold as strengthening winds lead to wind chill. Strong winds, perhaps in excess of 60mph across higher routes later, will give very difficult walking conditions with progress highly impeded and a significant risk of being blown over. Be prepared for sudden powerful gusts, especially on lee slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 15 Dec 2023	2.4mm	3mm	10.4mm

Forecast for Saturday 16 Dec 2023

Weather: Dull and rather cloudy with occasional rain and drizzle, especially in the west where cloud banks may cover lower slopes. The best of any brighter spells expected in the east and northeast of the Dales.

Maximum wind: Southwest 30-40mph, gusts around 50-60mph over ridges and summits. Much lighter at low levels.

Chance of cloud-free hill tops above 600m: 20% or less in the west, but nearer 40% in the northeast.

Low Cloud and visibility: Periods of persistent cloud above around 400-600m, but more occasional above 700m at times in the northeast. Visibility good outside of cloud, but moderate in rain and very poor in drizzle.

Temperature: **Valleys:** Plus 8 Celsius at dawn rising to 10 Celsius
At 600m: Around Plus 6 Celsius.
Freezing level: Well above the summits.

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